

ITEM 112392 HBM-112392

Description	Technical data	Accessories	Downloads
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Features

- › Handwheel 100 pulses, wear-free magnetic detent mechanism
- › Tamper-proof EMERGENCY STOP device according to EN 13850, dual-channel
- › 1 enabling switch, 3-stage, 2 NO contacts
- › 9 illuminated membrane pushbuttons, 1 NO contact each, can be labeled as required using slid-in strips
- › Straight connection cable, length 3.5 m, plug connector 35-pin
- › Logo can be labeled as required using slide-in strips

Notes

- › For template for slide-in strips, see www.euchner.com (Service)
- › Replacement for hand-held pendant stations HBE-097337 and HBE-097338

Approvals

Mechanical values and environment

Material	Pocan
Weight	
	Net 1,5 kg
Ambient temperature	0 ... 50 °C
Atmospheric humidity	
Condensation not permissible	max.80 % rH
Degree of protection	
	IEC529 IP65 ^[1]
	acc. to NEMA 250 250-12 ^[2]
Resilience to vibration	
	Vibrations (3 axes) DIN/IEC 68-2-6
	Shock (3 axes) DIN/IEC 68-2-27
Connection	Plug connector ^[3]
Cable length	
	coiled 3,5 m ^[4]
Detent positions per revolution	
	Handwheel 100

Electrical connection ratings

Operating voltage DC	
	Handwheel 5 V DC -5% ... 5%
Utilization category according to EN 60947-5-2	
	DC-13 30V DC / 1A
Switching voltage	
	Enabling switch max.AC/DC 42 V
	Membrane keypad max.AC/DC 42 V
Switching current	
	Enabling switch max.100 mA
EMC protection requirements	
	Acc. to CE EN 61000-6-2, EN 61000-6-4
Type of output	
	Handwheel RS422
Connecting cable	35x0.14mm ² ^[5]
Pulses per revolution	
	Handwheel 2x100
Breaking capacity (VA)	
	Enabling switch max.1 VA
	Membrane keypad max.1 VA ^[6]
Power supply LED	max.24 V DC

Controls and indicators

Control/indicator	1
Version	Emergency stop
Switching element	2 positively driven contacts
Special features	-
Color	Red-yellow
Item	See data sheets
Control/indicator	1
Version	Enabling switches, 3-stage
Switching element	2 NO contacts
Special features	-
Color	-
Item	See data sheets
Control/indicator	9
Version	Membrane key
Switching element	1 NO contact each
Special features	Can be labeled using slide-in strips
Color	-
Item	See data sheets
Control/indicator	1
Version	Handwheel
Switching element	-
Special features	-
Color	Black plastic adjusting wheel
Item	See data sheets

Miscellaneous

Additional feature	
Exchangeable slide-in strips	[7]
Color	
Housing	Anthracite
For the approval according to UL the following applies	Operation only with UL class 2 power supply, or equivalent measures

[1, 2] On the front

[3] 35-pin, metal version

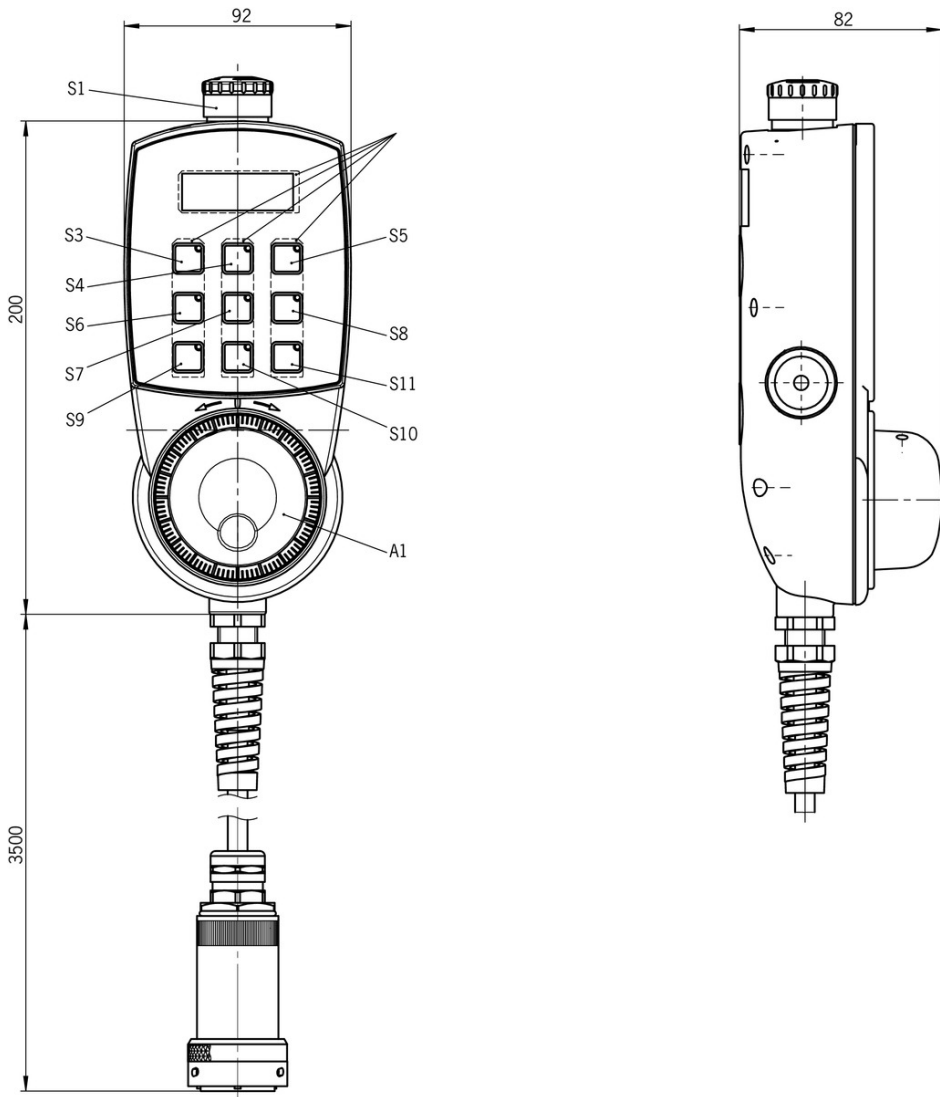
[4] Extended

[5] Screened

[6] Common connection

[7] Membrane keypad and customer logo

Dimension drawing



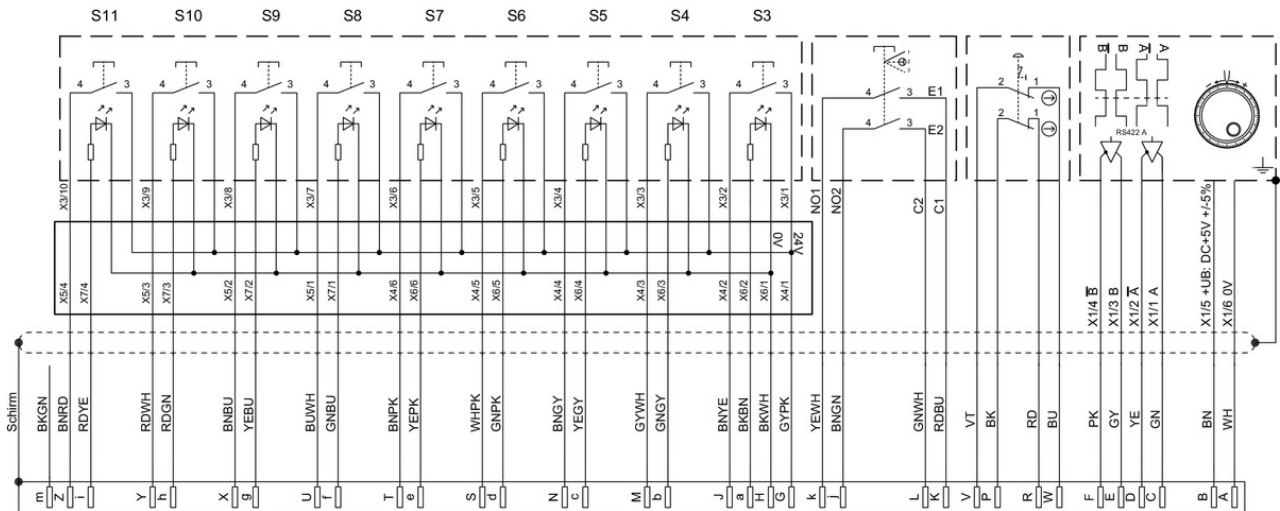
Circuit plan

S3 - S11
Tasten mit LED

S2
Zustimmtaster links
ZXE *

S1
NOT-HALT

A1
Handrad 100 Impulse
RS422 A
A05



Mounting accessories

▼ Holder for HBM



112335 HALTER HBM 112335

Function expansion

▼ Flange connector, 35-pin

074386 35POL/METALLAUSFUEHRUNG-074386

▼ 35-pin short-circuit plug

083459 35POL/METALLAUSFUEHRUNG-083459

▼ Extension cable 35-core, straight



092657 35POL/15M/METALLAUSFUEHRUNG

▼ Features

- › Extension cable
 - › Flange plug connector with socket contacts, 35-pin
 - › Plug connector with male contacts, 35-pin
 - › Bayonet plug lock
 - › PUR cable
 - › Cable length 15 m, straight
-

▼ Plug connector 35-pin

074395 35POL/METALLAUSFUEHRUNG-074395

Connection material

▼ Connection cable for hand-held pendant stations HBA/HBM, straight








115535 VERLAENGERUNGSLEITUNG 10M/35POL/MET

▼ Features


- › Flange plug connector with socket contacts, 35-pin
 - › Plug connector with male contacts, 35-pin
 - › Bayonet plug lock
 - › PUR cable
 - › Cable length 10 m, straight
-

Instructions

▼ Betriebsanleitung Handbediengeräte HBM







	Doc. no.	Version	Language	Download
Betriebsanleitung Handbediengeräte HBM Mode d'emploi des pupitres portables HBM Istruzioni di impiego dispositivi di comando manuale HBM Operating instructions for hand-held pendant stations HBM	112272	01-02/11	   	 0.6 MB

▼ Инструкция по эксплуатации электронного маховичка HBA с магнитной фиксацией

	Doc. no.	Version	Language	Download
Betriebsanleitung Elektronisches HBA-Handrad mit magnetischer Rastung Mode d'emploi de la manivelle électronique pour pupitre portable HBA avec crantage magnétique Istruzioni di impiego volante elettronico per HBA con autoritenuta magnetica Operating instructions for electronic HBA handwheel with magnetic detent	105823	02-04/09	   	 0.6 MB
Manual de instrucciones del volante HBA electrónico con parada magnética	105823	02-04/09		 0.2 MB
Инструкция по эксплуатации электронного маховичка HBA с магнитной фиксацией	105823	02-04/09		 0.3 MB
Návod k použití – elektronické ruční kolečko HBA s magnetickou aretací	105823	02-04/09		 0.2 MB







Catalogs

▼ Handbediengeräte/Handräder Hand-Held Pendant Stations/Handwheels Pupitres portables/Manivelles

	Doc. no.	Version	Language	Download
Handbediengeräte/Handräder	098619	08-09/17		 3.0 MB
Pupitres portables/Manivelles	111529	08-09/17		 3.0 MB
Hand-Held Pendant Stations/Handwheels	099443	08-09/17		 3.0 MB







Declaration of conformity

▼ EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity	2109732	05-08/16	    	 0.2 MB

▼ EU-Konformitätserklärung

Doc. no.	Version	Language	Download
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EU-Konformitätserklärung	2105755	08-03/17		 0.2 MB
EU declaration of conformity				
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				

CAD data

CAD data for this item on TraceParts